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INDEX TO AMERICAN BOTANICAL LITERATURE

(1908)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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Atkinson, G. F. On the identity of *Polyporus applanatus* of Europe and America. *Ann. Myc.* 6: 179-191. *pl.* 2-4. 31 Jl 1908.

Blanchard, W. H. On the identity of *Rubus canadensis*. *Rhodora* 10: 117-121. 15 Au 1908.

Brandege, T. S. Plants of Sinaloa. *Zoe* 5: 243, 244. 5 Mr 1908.

Brandege, T. S. New species of Mexican plants. *Zoe* 5: 244-258. 5 Mr 1908; 259-262. 20 Ap 1908.

Many new species described.

Clute, W. N. On changes in function in dimorphic fronds. *Fern Bull.* 16: 65-68. [S] 1908. [Illust.]

Clute, W. N. The check-list of North American fernworts. *Fern Bull.* 16: 16-23. [Mr]; 51-57 [Je]; 81-83. [S] 1908.

Cockerell, T. D. A. Species and varieties. *Torrey* 8: 194-197. 1 S 1908.

Collins, F. S. The genus *Pilinia*. *Rhodora* 10: 122-127. *pl.* 77. 15 Au 1908.

P. Lunatae and *P. Morsei* spp. nov.

Collins, F. S. Two new species of *Acrochaetium*. *Rhodora* 10: 133-135. 10 S 1908.

A. minimum and *A. Hoytii* spp. nov.

- Dachnowski, A.** The toxic property of bog water and bog soil. Bot. Gaz. **46**: 130-146. *f. 1-6*. 22 Au 1908.
- Drummond, J. R.** *Agave Watsoni*. Curt. Bot. Mag. **4**: *pl. 8214*. S 1908.
- Eaton, A. A.** A question of nomenclature. Fern Bull. **16**: 77-79. [S] 1908.
- Edwards, A. M.** The upper Neocene deposit of Bacillaria around Boston, Massachusetts. Nuova Notar. **19**: 134-137. Jl 1908.
- Evans, A. W.** New West Indian Lejeuneae. Bull. Torrey Club **35**: 371-389. *pl. 26-28*. 26 Au 1908.
6 new species and the new genus *Leiolejeunea* described.
- Fernald, M. L.** Note on Michaux's *Vaccinium myrtilloides*. Rhodora **10**: 147, 148. 10 S 1908.
- Fernald, M. L.** *Draba aurea* in Rimouski County, Quebec. Rhodora **10**: 148. 10 S 1908.
- Fernald, M. L.** Preliminary lists of New England plants—XXI. *Cyperaceae*. Rhodora **10**: 135-144. 10 S 1908.
- Fletcher, E. F.** *Achillea tomentosa* at Westford, Massachusetts. Rhodora **10**: 127. 15 Au 1908.
- Foxworthy, F. W.** Lumbayao (*Tarrietia javanica* Blume). Philipp. Jour. Sci. **3**: 171-173. *pl. 1-3*. Jl 1908.
- [**Fredholm, A.**] Studies on the pollination processes in *Clitoria arborescens* Ait. Bull. Misc. Inf. Trinidad **58**: 79-84. Ap 1908.
- Freeman, G. F.** A method for the quantitative determination of transpiration in plants. Bot. Gaz. **46**: 118-129. *f. 1*. 22 Au 1908.
- [**Gibson, H. H.**] American trees—77. Balm of Gilead, *Populus balsamifera* Linn. Hardwood Record **26**⁹: 18, 19. 25 Au 1908. [Illust.]
- Greene, F. C.** Ferns of Bloomington, Indiana. Fern Bull. **16**: 68, 69. [S] 1908.
- Grignan, G. T.** *Columnnea magnifica*. Rév. Hort. **80**: 376, 377. 16 Au 1908. [Illust.]
- Guillaumin, A.** Répartition géographique et biologie des Burséracées. Rév. Gén. Bot. **20**: 321-327. *pl. 11-14*. 15 Au 1908.
- Gürke, M.** *Cereus Pringlei* Wats. Monats. Kakteenk. **18**: 121. 15 Au 1908. [Illust.]
- Hall, H. M.** Studies on California plants—II. Zoe **5**: 263-266. 20 Ap 1908.

- Harper, R. M.** Some neglected aspects of the campaign against swamps. Southern Woodlands **2**: 46-67. Au 1908.
- Harrison, A. K., and others.** Reports on the flora of the Boston district—III. Rhodora **10**: 128-131. 15 Au 1908.
- Harvey, L. H.** Floral succession in the prairie-grass formation of southeastern South Dakota. Bot. Gaz. **46**: 81-108. *f.* 1-3. 22 Au 1908.
- Howe, M. A.** The collection of algae. Jour. N. Y. Bot. Gard. **9**: 123-130. *pl.* 46 + *f.* 17-21. Jl 1908.
- Hutchinson, J.** *Rhododendron kantschaticum*. Curt. Bot. Mag. **4**: *pl.* 8210. Au 1908.
- Hutchinson, J.** *Robinia Kelseyi*. Curt. Bot. Mag. **4**: *pl.* 8213. S 1908.
- Jewell, H. W.** *Polypodium vulgare auritum*. Fern Bull. **16**: 85, 86. [S] 1908.
- Jones, M. E.** Fern genera. Fern Bull. **16**: 88. [S] 1908.
- Lurvey, S. A.** A new station for *Hieracium pratense*. Rhodora **10**: 148. 10 S 1908.
- Merrill, E. D.** The Philippine plants collected by the Wilkes United States exploring expedition. Philipp. Jour. Sci. **3**: 73-85. *pl.* 1-4. Je 1908.
- Merrill, E. D., & Rolfe, R. A.** Notes on Philippine botany. Philipp. Jour. Sci. **3**: 95-127. Jl 1908.
- Moody, E. M.** *Filipendula rubra* in Maine. Rhodora **10**: 144. 10 S 1908.
- Morse, W. J.** Observation upon a yellows disease of the fall dandelion. Science II. **28**: 348, 349. 11 S 1908.
- Murrill, W. A.** Additional Philippine *Polyporaceae*. Bull. Torrey Club **35**: 391-416. 26 Au 1908.
Includes many new species and the new genus *Whitfordia*.
- Murrill, W. A.** Collecting fungi at Biltmore. Jour. N. Y. Bot. Gard. **9**: 135-141. Au 1908.
- Nash, G. V.** An unusual specimen of the "Flor de San Sebastian." Jour. N. Y. Bot. Gard. **9**: 130-132. Jl 1908. [Illust.]
- Newcombe, F. C.** Gravitation sensitiveness not confined to apex of root. Beih. Bot. Centr. **24**: 96-110. *pl.* 3 + *f.* 1-6. 29 Au 1908.
- Orcutt, C. R.** Coniferous trees and shrubbery of San Diego County. West Am. Sci. **17**: 4-8. Au 1908.

- Parlin, J. C.** Some Maine addenda. *Rhodora* **10**: 146. 10 S 1908.
- Parish, S. B.** The flowers of *Washingtonia*. *Bot. Gaz.* **46**: 144-147. f. 1-5. 22 Au 1908.
- Peirce, M. F.** Note on *Weigela rosea*. *Rhodora* **10**: 131, 132. 15 Au 1908.
- Quehl, L.** *Mamillaria ramosissima* Quehl n. sp. *Monats. Kakteenk.* **18**: 127. 15 Au 1908. [Illust.]
- Ramaley, F.** The botanical gardens of Ceylon. *Pop. Sci. Mo.* **73**: 193-206. f. 1-9. S 1908.
- Rand, E. L.** Additions to the plants of Mount Desert Island. *Rhodora* **10**: 145. 10 S 1908.
- Reed, H. S.** Modern and early work upon the question of root excretions. *Pop. Sci. Mo.* **73**: 257-266. S 1908.
- Robinson, W. J.** A study of the digestive power of *Sarracenia purpurea*. *Torrey* **8**: 181-194. f. 1. 1 S 1908.
- Scoullar, A. E.** Fruiting of *Botrychium*. *Fern Bull.* **16**: 84, 85. [S] 1908.
- Shaw, E. L.** A new station for *Iris Hookeri* in Maine. *Rhodora* **10**: 145, 146. 10 S 1908.
- Smith, J. D.** Undescribed plants from Guatemala and other Central American republics. — XXX. *Bot. Gaz.* **46**: 109-117. 22 Au 1908.
16 species in 12 genera described as new.
- Stapf, O.** *Eucryphia cordifolia*. *Curt. Bot. Mag.* **4**: pl. 8209. Au 1908.
- Taylor, N.** A collection of vines. *Jour. N. Y. Bot. Gard.* **9**: 142-144. Au 1908.
- Udden, J. A.** A cycad from the upper Cretaceous in Maverick County, Texas. *Science* **11**. **28**: 159, 160. 31 Jl 1908.
- Ulbrich, E.** *Malvaceae* austro-americanae imprimis andinae. *Bot. Jahrb.* **42**: 104-124. 28 Jl 1908.
Many new species described.
- Urban, I.** *Plantae novae andinae imprimis Weberbauerianae*—IV. *Bot. Jahrb.* **42**: 49-176. 28 Jl 1908.
Consists of 18 separate papers here indexed separately under their respective authors: Brand, Chodat, Cogniaux (2), Gilg, Harms (3), von Hayek, Heimerl, Keller, Lindau (2), Pilger, Schneider (2), Sprague, and Ulbrich.
- Wilbert, M. I.** Some early botanical and herb gardens. *Am. Jour. Pharm.* **80**: 412-427. S 1908.